

# ATTACHMENT 7. DISADVANTAGED COMMUNITY ASSISTANCE

## Documentation of the Presence of a DAC

### Determination of DACs in the Project Area

Appendix G of the 2015 IRWM Implementation Grant Guidelines defines a disadvantaged community (DAC) as a community with an annual median household income (MHI) that is less than 80% of the Statewide annual MHI (PRC §75005 (g)). Using the U.S. Census Bureau's American Community Survey (ACS) MHI data compiled for the 5-year period from 2009 to 2013, a community with an MHI of \$48,875 or less is considered a DAC.

Using the GIS data from the California Department of Water Resources (DWR) IRWM website, a DAC analysis was performed for the East Stanislaus IRWM Region. As shown in Figure 7-1, based on the census tracts and census block groups within the East Stanislaus Region, the communities of Keyes, Bret Harte, Bystrom, Empire, Grayson, Shackelford, West Modesto, Riverdale Park, Cowan, Parklawn, Rouse, and portions of Modesto, Turlock, Denair, Hughson, Oakdale, Waterford, and Ceres are DACs. Table 7-1 lists the Census Designated Places that are DACs in the East Stanislaus Region and their associated MHIs.

The inter-regional project, the North Valley Regional Recycled Water Program (NVRWP), lies in both the East Stanislaus and Westside-San Joaquin IRWM Regions. Figure 7-1 also shows the DACs in the Westside-San Joaquin Region. Based on the census tracts and census block groups, almost all of the Del Puerto Water District (DPWD or the District) service area is categorized as a DAC (see Figure 7-2).

**Table 7-1: DAC Census Designated Places in the East Stanislaus IRWM Region**

Community <sup>1</sup>	MHI
Bret Harte	\$29,750
Bystrom	\$23,750
Cowan	\$39,563
Empire	\$30,359
Grayson	\$37,899
Keyes	\$34,967
Parklawn	\$39,667
Riverdale Park	\$25,994
Rouse	\$20,893
Shackelford	\$19,311
West Modesto	\$30,333

1. Based on the 2009-2013 ACS data for Census Designated Places.

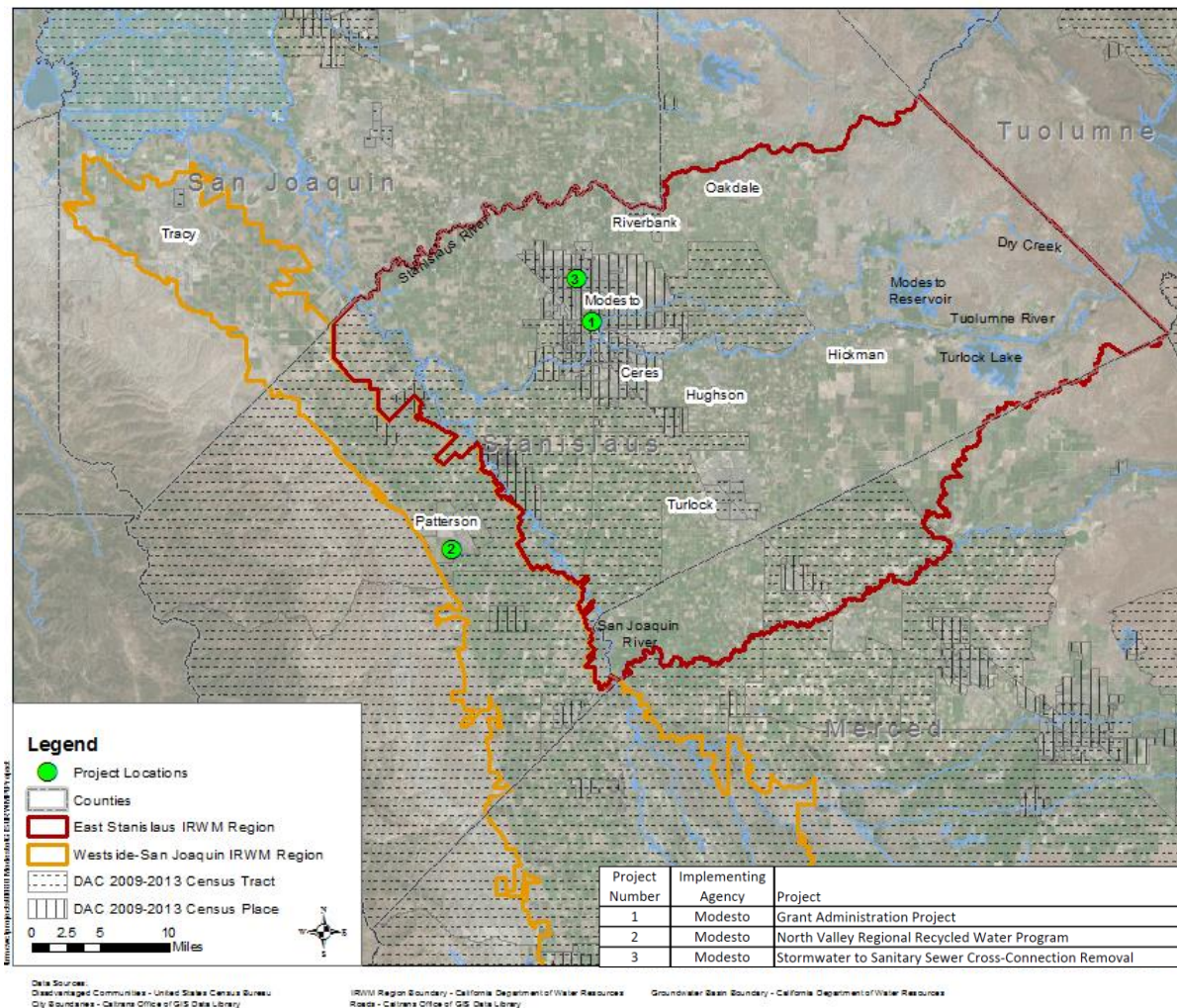
Both of the projects contained in this application were included in the East Stanislaus Integrated Regional Water Management Plan (IRWMP). As part of the East Stanislaus IRWMP development process, directed outreach was conducted to DACs within the IRWM region to solicit and incorporate

their input into the document and to identify projects that directly benefit the DACs. It is through the IRWMP development process that DACs have been involved and engaged in the development and preparation of the projects contained herein.

## DAC Needs and Targeted Project Benefits

The ongoing drought, reduced surface water supplies, and the associated increase in groundwater use have created a water crisis in the East Stanislaus IRWM Region.

**Figure 7-1: DACs in the East Stanislaus IRWM Region**



**North Valley Regional Recycled Water Program (NVRWP)** - The ongoing drought and reduced Central Valley Project (CVP) allocations have created a water crisis in the area to be served by the North Valley Regional Recycled Water Program. The DPWD serves water to agricultural growers within its service area with CVP supplies through a contract with the U.S. Bureau of Reclamation; this contractual entitlement is the District's sole source of supply. Irrigation water is provided to approximately 45,000 acres of highly productive farmland in Stanislaus, San Joaquin, and Merced Counties. The U.S. Bureau of Reclamation provides DPWD up to 140,210 acre-feet per year (AFY), but as a south of the Sacramento-San Joaquin Delta user, DPWD has experienced significant shortages and decreased reliability in the quantity of water it has received in recent years under the terms of

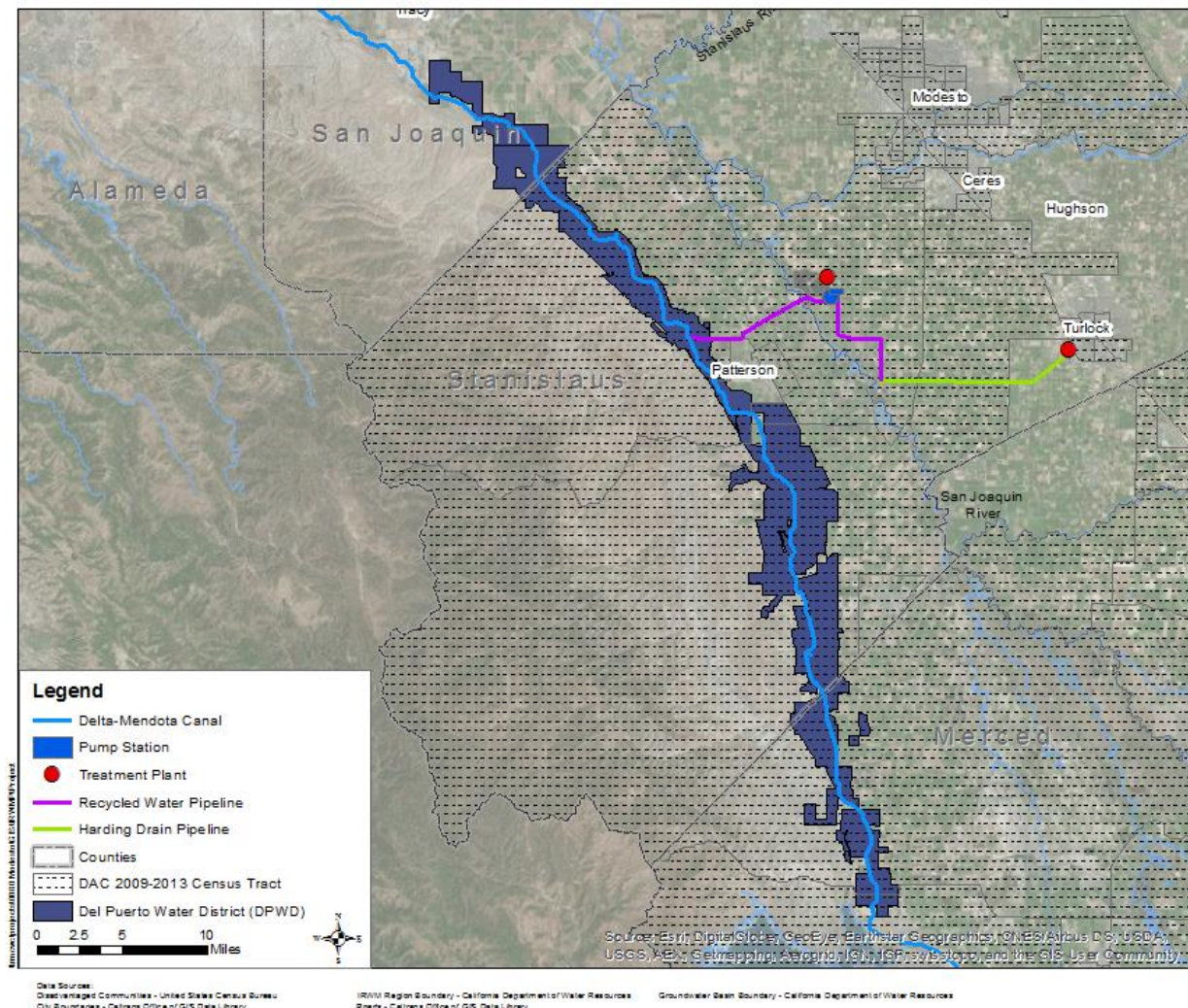


its federal service contract. Contractual limitations have the following impacts to the District and its customers:

- Increased land fallowing and shifts in cropping patterns
- Increased groundwater pumping, which is unreliable in many areas and lacks the quality requirements for cropping
- Higher per unit delivery costs
- Economic hardship for users and local communities
- Crop loss and permanent crop damage

DPWD received 0% of its full contract amount for 2014, and is experiencing the same in 2015, which has been devastating to DACs in the Project area. The NVRRWP will address the critical water supply need of the DACs in the DPWD service area by delivering recycled water from the Cities of Modesto and Turlock to the DPWD service area. The Project would improve water supply reliability and augment the shortfalls of the District's CVP supplies and offset further economic impacts to the local DACs based on their physical proximity to the project (geography).

**Figure 7-2: Disadvantaged Communities in the NVRRWP Area**





**Modesto Area 2 Stormwater to Sanitary Sewer Cross-Connection Removal Project** - The City's stormwater project is located entirely within a Disadvantaged Community Block Group as identified per the DWR's Disadvantaged Communities Mapping Tool. The proposed Project boundaries are shown relative to DAC designated areas in Figure 7-3, below. The Modesto Area 2 Stormwater to Sanitary Sewer Cross-Connection Removal Project addresses the following water-related needs of the local DAC based on its proximity to the project (geography):

- Recharges groundwater with stormwater runoff (a new source of water) to raise groundwater elevations and improve basin sustainability. Elevated groundwater elevations, in turn, reduces pumping lift and energy usage (and energy cost) to local groundwater users, and reduces greenhouse gas emissions. As previously noted in Attachment 2, one of the City's water supply wells is located in Roosevelt Park, and this well will benefit from the groundwater recharge and associated increases in groundwater levels, thereby benefiting the entire DAC community.
- Reduces street flooding along Granger Avenue a minor collector and route to local schools (Freemont Elementary School, Roosevelt Junior HS), thereby benefiting the entire DAC community.

**Figure 7-3: Disadvantaged Communities in the Modesto 2 Area**

